GWG Focus Groups Overview

http://www.gwg.nga.mil

For more information, contact the GWG Secretariat at NCGIS-mail@nga.mil

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GWG Focus Group Functions

- **Serve as the NSG community forum** for issues relating to a particular GEOINT standards area
- **Report to and advise the GWG** on standardization issues related to that area
- **Make recommendations to the GWG** on candidate DISR standards for GEOINT

Eight GWG Focus Groups

- NITFS Technical Board (NTB)
- Motion Imagery Standards Board (MISB)
- Community Sensor Model Working Group (CSMWG)
- GEOINT Reporting (RFG)
- Geographic Portrayal (PFG)
- Application Schemas for Feature Encoding (ASFE)
- Metadata (MFG)
- Information Transfer and Service Architecture (ITSA FG)

NITFS Technical Board (NTB)

The National Imagery Transmission Format Standard (NITFS) Technical Board (NTB) is the technical focal point for still imagery, and still imagery-related standardization activities across the NSG.

The NTB:

- Facilitates the selection, development, adoption, implementation, and testing of standards that are essential to the interoperability and quality of still imagery
- Addresses standards issues related to still imagery and gridded data, data compression, product annotation, support data, metadata, and quality

Visit the NTB website at: http://www.gwg.nga.mil/ntb/index.html
Self-register for the NTB email reflector list: http://ismc.nga.mil/ntb/

Visit the NTB website at: http://www.gwg.nga.mil/ntb/index.html

Contact the NTB Chair: ntbchair@nga.mil

Motion Imagery Standards Board (MISB)

The Motion Imagery Standards Board (MISB) is the technical focal point for establishing motion imagery interoperability standards across the NSG.

The MISB:

- Formulates, reviews, and recommends standards, recommended practices, and engineering guidelines for motion imagery, video, associated metadata, audio, and other related systems
- Promotes world-wide interoperability based largely on open, international, commercial standards to leverage large commercial R&D investments
- Leads the Motion Imagery community and Manages the Motion Imagery Domain Space to deliver universally interoperable, superior quality, cost manageable motion imagery systems to our warfighters / decision makers

Visit the MISB website at: http://www.gwg.nga.mil/misb/index.html

Contact the MISB Chair: misbchair@nga.mil

Community Sensor Model Working Group (CSMWG)

The Community Sensor Model Working Group (CSMWG) establishes standards for interoperable sensor models that enable the efficient collection and distribution of GEOINT source data.

The CSMWG:

- Develops, verifies, validates, maintains and conducts configuration management of sensor model standards
- Collects and maintains community technical requirements for sensor data

Visit the CSMWG website at: http://csmwg.seicorp.com

Contact the CSMWG Chair: csmwgchair@nga.mil

GEOINT Reporting (RFG)

The GEOINT Reporting Focus Group (RFG) facilitates the standardization of intelligence reporting based on GEOINT exploitation to enable interoperability and information sharing across the NSG.

The RFG:

- Focuses on the standardization of the format and structural content of intelligence reports derived from the exploitation of imagery and geospatial information

Visit the RFG website at: http://www.gwg.nga.mil/focus_groups/rfg/index.html

Contact the RFG Chair: rfgchair@nga.mil

Portrayal (PFG)

The Portrayal Focus Group (PFG) facilitates the development, implementation, and interoperability of standards relating to the visual depiction of physical features and geographically referenced activities.

The PFG:

- Addresses visual symbolization of GEOINT and symbol design for both digital display and hardcopy media
- Coordinates symbology requirements and develops and populates standards registries for GEOINT

Visit the PFG website at: http://www.gwg.nga.mil/focus_groups/pfg/index.html

Contact the PFG Chair: pfgchair@nga.mil

Application Schemas for Featur Encoding (ASFE)

The Application Schemas for Feature Encoding Focus Group (ASSFE) addresses standards related to the encoding of features used in the production of GEOINT and GEOINT products.

The ASFE:

– Develops GEOINT product specifications, standards for electronic feature catalogues, and conceptual schemas for data required by one or more applications

– Provides support to logistics and network analysis

Visit the ASFE website at: http://www.gwg.nga.mil/focus_groups/asfe/index.html

Contact the ASFE Chair: asfechair@nga.mil

Metadata (MFG)

The Metadata Focus Group (MFG) is dedicated to coordinating and harmonizing GEOINT metadata standards activities to advance data interoperabilty across the NSG.

The MFG:

- Supports development of a Core GEOINT metadata standard, CORE extensions that support specialized GEOINT areas, and schemas for the exchange and storage of GEOINT metadata
- Participates in metadata standards forums within the Intelligence Community, Department of Defense, and other U.S. and International Standards bodies, such as ISO TC211, to ensure NSG metadata requirements are addressed

Visit the MFG website at: http://www.gwg.nga.mil/focus_groups/mfg/index.html

Contact the MFG Chair: mfgchair@nga.mil

Information Transfer and Servic Architecture (ITSA)

The Information and Transfer Service Architecture (ITSA) Focus Group addresses “data services” needed to support GEOINT in a distributed, real-time environment.

The ITSA Focus Group:

- Identifies requirements for standards and services needed to support network transfer, such as metadata standards and web and catalog services
- Evaluates emerging service architecture components and technologies

Visit the ITSA website at: http://www.gwg.nga.mil/focus_groups/itsa/index.html

Contact the ITSA Chair: itsachair@nga.mil

Need More Information?

- **Visit the GWG Focus Group web pages on the GWG web site:**
  gwg@nga.mil

- **Contact the GWG Secretariat at:**
  ncgis-mail@nga.mil